

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2010 Levee Inspection Results**

Reclamation District No. 0556 Upper Andrus

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 0556 Upper Andrus

Waterway			Bank	Unit Miles
Unit No. 01 Georgiana Slough			Right	5.47
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/30/2010 - 4/30/2010			
DWR Inspector	Herman Phillips			
Accompanied By	DuWain Silva RD 556			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough						Right	5.47	04/30/2010 04/30/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.02	0.10	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Photos of levee section (2) shots one showing landside and one showing the waterside.	38.238896 ° -121.518186 °	38.237745 ° -121.518107 °	23 Y
2	0.02	0.04	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.238665 ° -121.518020 °	38.238600 ° -121.518030 °	90
3	0.17	5.46	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.236653 ° -121.518028 °	38.186453 ° -121.562508 °	91
4	0.20	5.46	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.236220 ° -121.517990 °	38.186442 ° -121.562508 °	92
5	0.26	1.02	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.235567 ° -121.518488 °	38.227115 ° -121.527228 °	77
6	0.27	0.90	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.235433 ° -121.518600 °	38.228623 ° -121.526292 °	3
7	0.89	0.90	Earthen Levee	Encroachments	LS	PO	Landscaping	38.228680 ° -121.526200 °	38.228618 ° -121.526290 °	5
8	0.90	0.91	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.228625 ° -121.526292 °	38.228463 ° -121.526497 °	6 Y
9	1.08	1.14	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.226967 ° -121.528062 °	38.227500 ° -121.529137 °	78
10	1.20	1.31	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.227800 ° -121.530028 °	38.227797 ° -121.531967 °	11 Y
11	1.32	1.42	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.227712 ° -121.532123 °	38.226640 ° -121.533457 °	13 Y
12	1.37	1.37	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	38.227102 ° -121.533000 °	38.227102 ° -121.533000 °	95
13	1.45	1.52	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.226293 ° -121.533642 °	38.225548 ° -121.534597 °	14
14	1.64	1.69	Earthen Levee	Encroachments	WS	CO	Landscaping	38.224623 ° -121.536320 °	38.224408 ° -121.537180 °	17
15	1.65	1.68	Earthen Levee	Encroachments	LS	PO	Landscaping	38.224567 ° -121.536523 °	38.224438 ° -121.537048 °	18
16	1.68	1.70	Earthen Levee	Encroachments	WS	CO	Landscaping	38.224308 ° -121.536332 °	38.224505 ° -121.537310 °	1
17	1.69	1.71	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.224392 ° -121.537235 °	38.224333 ° -121.537528 °	19

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected
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W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Georgiana Slough						Right	5.47	04/30/2010 04/30/2010	Herman Phillips	
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	1.76	2.02	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.224105 ° -121.538348 °	38.223524 ° -121.543111 °	97 Y
19	1.89	1.93	Earthen Levee	Encroachments	LS	PO	Landscaping	38.223745 ° -121.540908 °	38.223677 ° -121.541510 °	20
20	2.10	2.10	Earthen Levee	Encroachments	WS	CO	Landscaping	38.222873 ° -121.544335 °	38.222873 ° -121.544335 °	22
21	2.11	2.11	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	38.222640 ° -121.544453 °	38.222640 ° -121.544453 °	2
22	2.32	2.32	Earthen Levee	Encroachments	LS	M	Tree or limb	38.219782 ° -121.544030 °	38.219782 ° -121.544030 °	98
23	2.32	2.34	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.219822 ° -121.544000 °	38.219592 ° -121.543927 °	24 Y
24	2.42	2.42	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.218373 ° -121.543847 °	38.218373 ° -121.543847 °	26
25	2.42	2.69	Earthen Levee	Encroachments	LS	PO	Buildings	38.218373 ° -121.543847 °	38.215230 ° -121.541147 °	28
26	2.46	2.50	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.217757 ° -121.543827 °	38.217285 ° -121.543693 °	82
27	2.47	2.48	Earthen Levee	Encroachments	LS	PO	Fences	38.217598 ° -121.543767 °	38.217462 ° -121.543710 °	99
28	2.52	2.54	Earthen Levee	Encroachments	LS	M	Tree or limb	38.216865 ° -121.543268 °	38.216987 ° -121.543358 °	4
29	2.54	2.54	Earthen Levee	Encroachments	LS	M	Tree or limb	38.216672 ° -121.543103 °	38.216673 ° -121.543102 °	7
30	2.65	2.65	Earthen Levee	Encroachments	LS	M	Firewood	38.215675 ° -121.541892 °	38.215608 ° -121.541788 °	83
31	2.71	2.74	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.215115 ° -121.540940 °	38.214885 ° -121.540457 °	29
32	2.71	2.72	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.215063 ° -121.540833 °	38.214992 ° -121.540727 °	30
33	2.90	2.91	Earthen Levee	Encroachments	LS	PO	Fences	38.213403 ° -121.538375 °	38.213262 ° -121.538283 °	31
34	2.94	2.95	Earthen Levee	Encroachments	WS	M	Firewood	38.212818 ° -121.537903 °	38.212775 ° -121.537857 °	33
35	2.95	2.95	Earthen Levee	Encroachments	LS	PO	Landscaping	38.212773 ° -121.537857 °	38.212773 ° -121.537857 °	32

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Georgiana Slough						Right	5.47	04/30/2010 04/30/2010	Herman Phillips	
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
36	2.96	2.96	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.212635 ° -121.537580 °	38.212635 ° -121.537580 °	8 Y
37	2.97	2.99	Earthen Levee	Encroachments	LS	CO	Landscaping	38.212573 ° -121.537648 °	38.212320 ° -121.537407 °	34
38	2.99	2.99	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.212265 ° -121.537203 °	38.212265 ° -121.537203 °	9
39	2.99	3.04	Earthen Levee	Encroachments	LS	PO	Landscaping	38.212242 ° -121.537333 °	38.211650 ° -121.536972 °	35
40	3.03	3.03	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.211842 ° -121.537018 °	38.211793 ° -121.536998 °	36
41	3.12	3.15	Earthen Levee	Encroachments	LS	PO	Landscaping	38.211010 ° -121.538043 °	38.210857 ° -121.538632 °	39
42	3.24	3.24	Earthen Levee	Encroachments	LS	M	Tree or limb	38.210145 ° -121.540042 °	38.210140 ° -121.540055 °	42
43	3.31	3.32	Earthen Levee	Encroachments	LS	PO	Landscaping	38.209525 ° -121.540880 °	38.209352 ° -121.540972 °	46
44	3.35	3.75	Earthen Levee	Encroachments	LS	PO	Fences	38.209003 ° -121.541328 °	38.203418 ° -121.541070 °	47
45	3.35	3.42	Earthen Levee	Encroachments	LS	PO	Landscaping	38.208982 ° -121.541340 °	38.208112 ° -121.541558 °	48
46	3.43	3.47	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.207932 ° -121.541628 °	38.207298 ° -121.541817 °	49
47	3.43	3.44	Earthen Levee	Encroachments	LS	C	Tree or limb	38.207868 ° -121.541652 °	38.207808 ° -121.541682 °	50
48	3.44	3.46	Earthen Levee	Encroachments	WS	U	Pipe	38.207812 ° -121.541683 °	38.207552 ° -121.541755 °	51 Y
49	3.50	3.75	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.206880 ° -121.541798 °	38.203420 ° -121.541070 °	52
50	3.57	3.91	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.205948 ° -121.541727 °	38.201620 ° -121.542167 °	85
51	3.57	3.58	Earthen Levee	Encroachments	WS	M	Garbage	38.205888 ° -121.541763 °	38.205808 ° -121.541747 °	53
52	3.75	3.80	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Sprayed.	38.203417 ° -121.541070 °	38.202695 ° -121.540967 °	54

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough							Right	5.47	04/30/2010 04/30/2010	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
53	3.75	3.75	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	38.203322 ° -121.540953 °	38.203322 ° -121.540953 °	10
54	3.87	3.91	Earthen Levee	Encroachments	LS	PO	Landscaping	38.201907 ° -121.541672 °	38.201603 ° -121.542302 °	55
55	3.91	3.98	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.201603 ° -121.542307 °	38.201135 ° -121.543492 °	56
56	3.92	3.95	Earthen Levee	Encroachments	WS	PO	Landscaping	38.201527 ° -121.542497 °	38.201365 ° -121.542877 °	57
57	3.94	4.05	Earthen Levee	Encroachments	WS	CO	Buildings Inspector Comments: There is a remodeling of a home here The owner is Dona Blower.	38.201475 ° -121.542832 °	38.200617 ° -121.544530 °	86 Y
58	4.01	4.15	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.200930 ° -121.543990 °	38.199552 ° -121.545590 °	58
59	4.05	5.46	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.200653 ° -121.544703 °	38.186453 ° -121.562508 °	102
60	4.05	5.46	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	38.200655 ° -121.544702 °	38.186448 ° -121.562510 °	101
61	4.06	4.07	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.200523 ° -121.544690 °	38.200487 ° -121.544763 °	59
62	4.07	5.45	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.200460 ° -121.544753 °	38.186493 ° -121.562288 °	87
63	4.09	5.45	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This section of levee both landward and waterward is completely over grown with bamboo, wild berries willow trees and other such wild growth.	38.200292 ° -121.544968 °	38.186532 ° -121.562250 °	88
64	4.15	4.16	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.199553 ° -121.545592 °	38.199503 ° -121.545652 °	60
65	4.16	4.21	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.199502 ° -121.545655 °	38.198728 ° -121.546153 °	62
66	4.38	4.38	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.196633 ° -121.547472 °	38.196633 ° -121.547472 °	12
67	4.85	5.46	Earthen Levee	Cracking	CR	C	Schedule repair of subsidence prior to the next inspection.	38.192077 ° -121.553985 °	38.186452 ° -121.562507 °	103

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Georgiana Slough				Right	5.47	04/30/2010 04/30/2010	Herman Phillips	

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
68	5.02	5.41	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: From levee mile 5.02-5.42 the District has cleaned up the levee slopes since my initial inspection. The land side slope has been mowed except for the toe area there yet remain some wild growth of berries and willows that can be mowed from the bottom.	38.186750 ° -121.561890 °	38.190780 ° -121.556590 °	89
69	5.11	5.25	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 1:1 slope, tree hazards, clays and silts, 3.88 ft/s [2009 SiteID:GEO_7-0_R]	38.189775 ° -121.557728 °	38.188100 ° -121.559364 °	25 Y
70	5.42	5.42	Earthen Levee	Encroachments	WS	C	Tree or limb	38.186623 ° -121.561740 °	38.186623 ° -121.561740 °	76

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	04/30/2010 04/30/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	0.10
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This shot shows the start of District landward.

phillips_s_20100702_146.jpg



Levee Mile Report Line	8
Start Levee Mile	0.90
End Levee Mile	0.91
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 0.90 landside wild tree growth on slope waterward.

phillips_s_20100702_139.jpg



Levee Mile Report Line	8
Start Levee Mile	0.90
End Levee Mile	0.91
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking downstream at tree growth landward levee mile 0.91

phillips_s_20100702_140.jpg



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**Flood Control Project Maintenance
Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	04/30/2010 04/30/2010	Herman Phillips

Levee Mile Report Line	10
Start Levee Mile	1.20
End Levee Mile	1.31
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Wild growth landward looking downstream from levee mile 1.20

phillips_s_20100702_141.jpg



Levee Mile Report Line	10
Start Levee Mile	1.20
End Levee Mile	1.31
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Wild growth continues downstream to levee mile 1.31 land side.

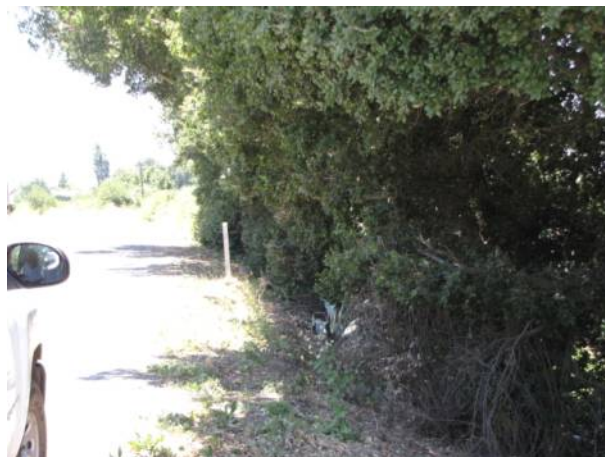
phillips_s_20100702_142.jpg



Levee Mile Report Line	11
Start Levee Mile	1.32
End Levee Mile	1.42
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking downstream landside at levee mile 1.32 growth of trees covering the slope and toe of the levee section.

phillips_s_20100702_143.jpg



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**Flood Control Project Maintenance
Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	04/30/2010 04/30/2010	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	1.32
End Levee Mile	1.42
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 1.35 the wild growth continues downstream you can't see the slopes for the wild growth.

phillips_s_20100702_144.jpg



Levee Mile Report Line	11
Start Levee Mile	1.32
End Levee Mile	1.42
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 1.41 wild growth continues on the land side levee slopes and toe.

phillips_s_20100702_145.jpg



Levee Mile Report Line	18
Start Levee Mile	1.76
End Levee Mile	2.02
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Water side levee mile 1.86 looking downstream towards levee 2.02. Young willow trees.

phillips_s_20100702_148.jpg



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	04/30/2010 04/30/2010	Herman Phillips

Levee Mile Report Line	23
Start Levee Mile	2.32
End Levee Mile	2.34
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking back upstream at Fig tree growth at levee mile 2.32 land side, these trees has covered the slope blocking inspection.

phillips_s_20100702_149.jpg



Levee Mile Report Line	36
Start Levee Mile	2.96
End Levee Mile	2.96
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

This stump location is 32.212632 -121.537538 land side levee mile 2.96.

phillips_s_20100701_138.jpg



Levee Mile Report Line	48
Start Levee Mile	3.44
End Levee Mile	3.46
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Unauthorized storage of discarded concrete pipe placed on the waterward side levee mile 3.44.

phillips_s_20100702_150.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.47	04/30/2010 04/30/2010	Herman Phillips

Levee Mile Report Line	48
Start Levee Mile	3.44
End Levee Mile	3.46
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Discarded concrete pipe continues downstream water side levee mile 3.44

phillips_s_20100702_151.jpg



Levee Mile Report Line	57
Start Levee Mile	3.94
End Levee Mile	4.05
Location	Water Side
Category	Earthen Levee
Item	Encroachments

This house has been remodeled without a Reclamation Permit. At this time 12-09 this house has been complete and listed for sale.

phillips_s_20100316_021.jpg



Levee Mile Report Line	69
Start Levee Mile	5.11
End Levee Mile	5.25
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: 5 ft berm, 1:1 slope, tree hazards, clays and silts, 3.88 ft/s [2009 SiteID:GEO_7-0_R]

USACE2009_GEO_7-0_R_2009_09_18-D4P85_small.JPG



*** Location**

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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 0556 Upper Andrus

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	5.72

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/30/2010 - 4/30/2010			
DWR Inspector	Herman Phillips			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Sacramento River						Left	5.72	04/30/2010 04/30/2010	Herman Phillips	
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	-	5.69	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.200248 ° -121.557288 °	4.860000 ° 38.191932 °	12
	121.5	7								
2	0.06	2.76	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.238273 ° -121.518020 °	38.230745 ° -121.555988 °	26
3	0.31	0.61	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: no berm, 1:1 slope, tree hazards, holes, and slumping, clays and silts, 5.13 ft/s [2009 SiteID:SAC_26-0_L]	38.238872 ° -121.524003 °	38.237950 ° -121.529258 °	18 Y
4	1.09	1.15	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 10 ft berm, 1:1 slope, tree hazards and slumping, clays and silts, 4.54 ft/s [2009 SiteID:SAC_25-2_L]	38.239075 ° -121.537750 °	38.239433 ° -121.538767 °	27 Y
5	1.44	1.59	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 10 ft berm, 2:1 slope, tree hazards and slumping, sands and silts, 4.5 ft/s [2009 SiteID:SAC_24-8_L]	38.240464 ° -121.544064 °	38.240786 ° -121.546753 °	28 Y
6	2.74	2.76	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.231002 ° -121.556160 °	38.230745 ° -121.555987 °	25
7	2.78	2.82	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.230402 ° -121.555803 °	38.229940 ° -121.555532 °	24
8	2.82	2.84	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.229928 ° -121.555527 °	38.229650 ° -121.555427 °	23
9	2.84	2.87	Earthen Levee	Encroachments	LS	CO	Landscaping	38.229553 ° -121.555398 °	38.229097 ° -121.555325 °	22
10	2.88	2.88	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.229038 ° -121.555297 °	38.229038 ° -121.555297 °	21
11	2.90	2.94	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.228708 ° -121.555237 °	38.228217 ° -121.555115 °	20
12	3.08	3.08	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.226078 ° -121.555205 °	38.226078 ° -121.555205 °	19
13	3.14	3.23	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.225252 ° -121.555198 °	38.223873 ° -121.555368 °	17
14	3.14	3.46	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.225252 ° -121.555200 °	38.220630 ° -121.555737 °	16

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River				Left	5.72	04/30/2010 04/30/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
15	3.16	3.27	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 10 ft berm, 1:1 slope, tree hazards, holes, and slumping, clays and silts, 4.16 ft/s [2009 SiteID:SAC_23-2_L]	38.224850 ° -121.555783 °	38.223233 ° -121.555828 °	29 Y
16	3.55	3.57	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.219412 ° -121.556228 °	38.219135 ° -121.556318 °	15
17	3.57	3.63	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 1.5:1 slope, tree hazards, clays and silts, 4.82 ft/s [2009 SiteID:SAC_22-7_L]	38.218950 ° -121.556761 °	38.218106 ° -121.556889 °	30 Y
18	3.83	3.85	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.215428 ° -121.556800 °	38.215100 ° -121.556795 °	13
19	3.94	4.11	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 10 ft berm, 1:1 slope, tree hazards, holes, and slumping, sands and silts, 4.54 ft/s [2009 SiteID:SAC_22-5_L]	38.213581 ° -121.557297 °	38.211111 ° -121.557142 °	32 Y
20	3.94	3.95	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.213713 ° -121.556752 °	38.213658 ° -121.556760 °	41
21	4.13	4.13	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.210893 ° -121.556770 °	38.210893 ° -121.556770 °	944
22	4.14	4.38	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.210892 ° -121.556688 °	38.207420 ° -121.556703 °	10
23	4.14	4.35	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.210822 ° -121.556685 °	38.207775 ° -121.556695 °	11
24	4.16	5.11	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.210605 ° -121.556770 °	38.197088 ° -121.559165 °	36
25	4.39	4.64	Earthen Levee	Encroachments	LS	PO	Landscaping	38.207202 ° -121.556853 °	38.203693 ° -121.556685 °	40
26	4.46	4.62	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.206193 ° -121.556708 °	38.203868 ° -121.556823 °	9
27	4.63	4.74	Earthen Levee	Encroachments	LS	PO	Fences	38.203727 ° -121.556835 °	38.202218 ° -121.556960 °	7
28	4.64	4.85	Earthen Levee	Encroachments	LS	PO	Fences	38.203693 ° -121.556683 °	38.200593 ° -121.557208 °	38
29	4.68	4.84	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.202875 ° -121.556808 °	38.200375 ° -121.557240 °	14
30	4.69	4.73	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.202923 ° -121.556902 °	38.202405 ° -121.556943 °	8

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River						Left	5.72	04/30/2010 04/30/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
31	4.74	4.85	Earthen Levee	Encroachments	WS CO	Fences		38.202250 ° -121.556892 °	38.200597 ° -121.557203 °	39
32	4.80	4.92	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.		38.201362 ° -121.557077 °	38.199558 ° -121.557603 °	5
33	4.84	4.88	Supplemental	USACE Erosion Survey	WS M	Inspector Comments: 2009: 5 ft berm, 1.5:1 slope, tree hazards, clays and silts, 4.3 ft/s [2009 SiteID:SAC_21-5_L]		38.200647 ° -121.557686 °	38.200225 ° -121.557831 °	34 Y
34	5.01	5.07	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.		38.198403 ° -121.558263 °	38.197618 ° -121.558800 °	4
35	5.09	5.16	Earthen Levee	Encroachments	LS PO	Landscaping		38.197453 ° -121.558972 °	38.196493 ° -121.559510 °	33
36	5.10	5.16	Earthen Levee	Encroachments	LS CO	Landscaping		38.197295 ° -121.558982 °	38.196488 ° -121.559465 °	3
37	5.18	5.19	Earthen Levee	Encroachments	LS PO	Fences		38.196045 ° -121.559702 °	38.195868 ° -121.559908 °	6
38	5.38	5.56	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.		38.194045 ° -121.562088 °	38.192622 ° -121.564913 °	35
39	5.38	5.67	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.		38.194068 ° -121.562117 °	38.192117 ° -121.566833 °	1
40	5.41	5.44	Earthen Levee	Encroachments	LS PO	Landscaping		38.193760 ° -121.562458 °	38.193445 ° -121.562895 °	31
41	5.42	5.44	Earthen Levee	Encroachments	LS PO	Landscaping		38.193708 ° -121.562622 °	38.193445 ° -121.562965 °	2

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/30/2010 04/30/2010	Herman Phillips

Levee Mile Report Line	3
Start Levee Mile	0.31
End Levee Mile	0.61
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 1:1 slope, tree hazards, holes, and slumping, clays and silts, 5.13 ft/s [2009 SiteID:SAC_26-0_L]	
USACE2009_SAC_26-0_L_2009_09_17-D3bP49_small.JPG	



Levee Mile Report Line	4
Start Levee Mile	1.09
End Levee Mile	1.15
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1:1 slope, tree hazards and slumping, clays and silts, 4.54 ft/s [2009 SiteID:SAC_25-2_L]	
USACE2009_SAC_25-2_L_2009_09_17-D3bP53_small.JPG	



Levee Mile Report Line	5
Start Levee Mile	1.44
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 2:1 slope, tree hazards and slumping, sands and silts, 4.5 ft/s [2009 SiteID:SAC_24-8_L]	
USACE2009_SAC_24-8_L_2009_09_17-D3bP54_small.JPG	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/30/2010 04/30/2010	Herman Phillips

Levee Mile Report Line	15
Start Levee Mile	3.16
End Levee Mile	3.27
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1:1 slope, tree hazards, holes, and slumping, clays and silts, 4.16 ft/s [2009 SiteID:SAC_23-2_L]	
USACE2009_SAC_23-2_L_2009_09_17-D3bP57_small.JPG	



Levee Mile Report Line	17
Start Levee Mile	3.57
End Levee Mile	3.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 1.5:1 slope, tree hazards, clays and silts, 4.82 ft/s [2009 SiteID:SAC_22-7_L]	
USACE2009_SAC_22-7_L_2009_09_17-D3bP58_small.JPG	



Levee Mile Report Line	19
Start Levee Mile	3.94
End Levee Mile	4.11
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1:1 slope, tree hazards, holes, and slumping, sands and silts, 4.54 ft/s [2009 SiteID:SAC_22-5_L]	
USACE2009_SAC_22-5_L_2009_09_17-D3bP60_small.JPG	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	04/30/2010 04/30/2010	Herman Phillips

Levee Mile Report Line	33
Start Levee Mile	4.84
End Levee Mile	4.88
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1.5:1 slope, tree hazards, clays and silts, 4.3 ft/s [2009 SiteID:SAC_21-5_L]	
USACE2009_SAC_21-5_L_2009_09_17-D3bP61_small.JPG	

*** Location**

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